



2005 RELEASE AND POLLUTION PREVENTION REPORT

APPENDIX B

TABLE 1

HAZARDOUS SUBSTANCE LIST IN ALPHABETICAL ORDER

Specific reportable substances are listed in alphabetical order beginning on page B.1-3. A list of the same substances in CAS Number order are found in a separate Appendix B Table 2. Reportable chemical categories are integrated into Appendix B Table 1 and Appendix B Table 2, and Appendix C (chemical categories list only).

Qualifiers

Certain substances listed have parenthetic "qualifiers." These qualifiers indicate that these substances are subject to the reporting requirements if manufactured, processed, or otherwise used in a specific form. The following substances are reportable only if they are manufactured, processed, or otherwise used in the specific form(s) listed below:

<u>Chemical</u>	<u>CAS Number</u>	<u>Qualifier</u>
Aluminum (fume or dust)	7429-90-5	<u>Only</u> if it is a fume or dust form.
Aluminum oxide (fibrous forms)	1344-28-1	<u>Only</u> if it is a fibrous form.
Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing)	7664-41-7	<u>Only</u> 10 percent of aqueous forms; 100 percent of anhydrous forms.
Asbestos (friable)	1332-21-4	<u>Only</u> if it is a friable form.
Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	7647-01-0	<u>Only</u> if it is an aerosol form as defined.
Phosphorus (yellow or white)	7723-14-0	<u>Only</u> if it is a yellow or white form.
Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	7664-93-9	<u>Only</u> if it is an aerosol form as defined.
Vanadium (except when contained In an alloy)	7440-62-2	<u>Except</u> if it is contained in an alloy.
Zinc (fume or dust)	7440-66-6	<u>Only</u> if it is a fume or dust form.

The qualifier for the following three chemicals is based on the chemical activity rather than the form of the chemical. These chemicals are subject to EPCRA section 313 and NJ RPPR reporting requirements only when the indicated activity is performed.

<u>Chemical</u>	<u>CAS Number</u>	<u>Qualifier</u>
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Dioxin and dioxin-like compounds (manufacturing; and the processing or otherwise use of dioxin and dioxin-like compounds if the dioxin and dioxin-like compounds are present as contaminants in a chemical and if they were created during the manufacture of that chemical)	N150	Only if they are manufactured at the facility; or are processed or otherwise used when present as contaminants in a chemical but only if they were created during the manufacture of that chemical.
Isopropyl alcohol (only persons who manufacture by the strong acid process are subject, no supplier notification)	67-63-0	Only if it is being manufactured by the strong acid process. Facilities that process or otherwise use isopropyl alcohol are <u>not</u> covered.
Saccharin (manufacturing, no supplier notification)	81-07-2	Only if it is being manufactured.

Chemical Categories

In addition to specific substances listed in the table, certain chemical categories are required to be reported when the manufacture, process or otherwise use thresholds are exceeded. As with unique substances, threshold determinations must be made separately for each of the three activities. Reporting of substances and chemical categories is required pursuant to the New Jersey Worker and Community Right to Know Act (N.J.S.A. 34:5A-1.1 et seq.).

When reporting for any of the chemical categories, all individual members of a category that are manufactured, processed, or otherwise used must be counted. The metal compounds listed, unless otherwise specified, are defined as including any unique chemical substance that contains the named metal (e.g. antimony, arsenic, etc.) as part of that chemical's infrastructure. Threshold determinations for metal-containing compounds are based on the total weight of all compounds manufactured, processed or otherwise used. However, once an activity threshold is exceeded, report only the quantities of the parent metal.

For the category "nitrate compounds (water dissociable; reportable only when in aqueous solution)," the entire weight of the nitrate compounds is counted towards the threshold. This listing covers a nitrate compound only when in water and only if dissociated. If no information is available on the identity of the type of nitrate that is manufactured, processed or otherwise used, assume that the nitrate compound exists as sodium nitrate.

Chemical categories are subject to the 1.0 percent de minimis concentration unless the substance involved meets the definition of an OSHA carcinogen. OSHA carcinogens are subject to the 0.1 percent de minimis concentration. The de minimis exemption does not apply to the persistent, bioaccumulative toxic chemicals. The de minimis concentration for each category is provided in parentheses.

Persistent, Bioaccumulative, and Toxic Chemicals

Following is a table of the Persistent, Bioaccumulative, and Toxic (PBT) chemicals affected by the USEPA rules effective reporting years 2000 and 2001, and the new, lower reporting thresholds for the PBT chemicals.

*Persistent, Bioaccumulative, and Toxic Chemicals covered by
the USEPA October 29, 1999 PBT Rule and the January 17, 2001 Lead Rule*

<i>Chemical Name or Chemical Category</i>	<i>RTK Number</i>	<i>CAS # (Group #)</i>	<i>Section 313 Reporting Threshold (in pounds unless noted otherwise)</i>
Aldrin	0033	309-00-2	100
Benzo(g,h,i)perylene	2968	191-24-2	10
Chlordane	0361	57-74-9	10
Dioxin and dioxin-like compounds category ^{1,3}	3760	N150	0.1 gram
Heptachlor	0974	76-44-8	10
Hexachlorobenzene	0978	118-74-1	10
Isodrin	2499	465-73-6	10
Lead ²	1096	7439-92-1	100
Lead compounds category ²	2266	N420	100
Mercury	1183	7439-97-6	10
Mercury compounds	2414	N458	10
Methoxychlor	1210	72-43-5	100
Octachlorostyrene	3761	29082-74-4	10
Pendimethalin	3415	40487-42-1	100
Pentachlorobenzene	3417	608-93-5	10
Polychlorinated biphenyls (PCBs)	1554	1336-36-3	10
Polycyclic aromatic compounds category ^{3,4}	3758	N590	100
Tetrabromobisphenol A	3763	79-94-7	100
Toxaphene	1871	8001-35-2	10
Trifluralin	1918	1582-09-8	100

PBT Footnotes:

1. Qualifier: "manufacturing; and the processing or otherwise use of dioxin and dioxin-like compounds if the dioxin and dioxin-like compounds are present as contaminants in a chemical and if they were created during the manufacturing of that chemical".
2. The lower reporting thresholds apply to lead and all lead compounds, except for lead contained in stainless steel, brass, and bronze alloys. For the federal TRI, lead contained in stainless steel, brass, and bronze alloys remains reportable under the 25,000-pound manufacture and process reporting threshold and the 10,000-pound otherwise use reporting threshold. For the NJ RPPR, lead contained in stainless steel, brass, and bronze alloys remains reportable under the 10,000-pound manufacture, process and otherwise use reporting threshold.
3. See the listing in the table for the specific substances reportable under this category.
4. Two substances, benzo(j,k)fluorene (206-44-0) and 3-methylcholanthrene (56-49-5), were added to this category effective RY 2000.

RTK	De minimis		
CAS Number	Number	Substance Name	Concentration

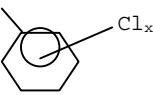
71751-41-2	3175	Abamectin [Avermectin B1]	1.0
30560-19-1	3140	Acephate (Acetylphosphoramidothioic acid O,S-dimethyl ester)	1.0
75-07-0	0001	Acetaldehyde	0.1
60-35-5	2890	Acetamide	0.1
75-05-8	0008	Acetonitrile	1.0
98-86-2	2961	Acetophenone	1.0
53-96-3	0010	2-Acetylaminofluorene	0.1
62476-59-9	3455	Acifluorfen, sodium salt	1.0
		[5-(2-Chloro-4-(trifluoromethyl)phenoxy)-2-nitrobenzoic acid, sodium salt]	
107-02-8	0021	Acrolein	1.0
79-06-1	0022	Acrylamide	0.1
79-10-7	0023	Acrylic acid	1.0
107-13-1	0024	Acrylonitrile	0.1
15972-60-8	3143	Alachlor	1.0
116-06-3	0031	Aldicarb	1.0
309-00-2	0033	Aldrin	PBT
		[1,4:5,8-Dimethanonaphthalene,1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-(1.alpha.,4.alpha.,4a.beta.,5.alpha.,8.alpha.,8a.beta.)-]	
28057-48-9	3647	d-trans-Allethrin [d-trans-Chrysanthemic acid of d-allethrone]	1.0
107-18-6	0036	Allyl alcohol	1.0
107-11-9	0037	Allylamine	1.0
107-05-1	0039	Allyl chloride	1.0
7429-90-5	0054	Aluminum (fume or dust)	1.0
1344-28-1	2891	Aluminum oxide (fibrous form)	1.0
20859-73-8	0063	Aluminum phosphide	1.0
834-12-8	3150	Ametryn	1.0
		(N-Ethyl-N'-(1-methylethyl)-6-(methylthio)-1,3,5,-triazine-2,4-diamine)	
117-79-3	0069	2-Aminoanthraquinone	0.1
60-09-3	0508	4-Aminoazobenzene	0.1
92-67-1	0072	4-Aminobiphenyl	0.1
82-28-0	0076	1-Amino-2-methylanthraquinone	0.1
33089-61-1	3156	Amitraz	1.0
61-82-5	0083	Amitrole	0.1
7664-41-7	0084	Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing)	1.0
101-05-3	3648	Anilazine [4,6-Dichloro-N-(2-chlorophenyl)-1,3,5-triazin-2-amine]	1.0
62-53-3	0135	Aniline	1.0
90-04-0	1421	o-Anisidine	0.1
104-94-9	2893	p-Anisidine	1.0
134-29-2	1422	o-Anisidine hydrochloride	0.1
120-12-7	0139	Anthracene	1.0
7440-36-0	0141	Antimony	1.0
N010	2223	Antimony Compounds	1.0
7440-38-2	0152	Arsenic	0.1
N020	2138	Arsenic Compounds inorganic compounds	0.1
	 organic compounds	

1.0

1332-21-4	0164	Asbestos (friable)	0.1
1912-24-9	0171	Atrazine (6-Chloro-N-ethyl-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine)	1.0
7440-39-3	0180	Barium	1.0
N040	2146	Barium Compounds (excludes Barium sulfate CAS# 7727-43-7)	1.0
22781-23-3	0191	Bendiocarb [2,2-Dimethyl-1,3-benzodioxol-4-ol methylcarbamate]	1.0
1861-40-1	3181	Benfluralin (N-Butyl-N-ethyl-2,6-dinitro-4-(trifluoromethyl) benzenamine)	1.0
17804-35-2	0192	Benomyl	1.0
98-87-3	0195	Benzal chloride	1.0
55-21-0	2895	Benzamide	1.0
71-43-2	0197	Benzene	0.1

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
92-87-5	0204	Benzidine	0.1
191-24-2	2968	Benzo(g,h,i)perylene	PBT
98-07-7	0212	Benzoic trichloride (Benzotrichloride)	0.1
98-88-4	0214	Benzoyl chloride	1.0
94-36-0	0215	Benzoyl peroxide	1.0
100-44-7	0217	Benzyl chloride	1.0
7440-41-7	0222	Beryllium	0.1
N050	2163	Beryllium Compounds	0.1
82657-04-3	3194	Bifenthrin	1.0
92-52-4	0795	Biphenyl	1.0
111-91-1	2971	Bis(2-chloroethoxy) methane	1.0
111-44-4	0232	Bis(2-chloroethyl) ether	1.0
542-88-1	0234	Bis(chloromethyl) ether	0.1
108-60-1	0235	Bis(2-chloro-1-methylethyl)ether	1.0
56-35-9	3479	Bis(tributyltin) oxide	1.0
10294-34-5	0245	Boron trichloride	1.0
7637-07-2	0246	Boron trifluoride	1.0
314-40-9	0251	Bromacil (5-Bromo-6-methyl-3-(1-methylpropyl)-2,4-(1H,3H)-pyrimidinedione)	1.0
53404-19-6	3651	Bromacil, lithium salt (2,4-(1H,3H)-Pyrimidinedione, 5-bromo-6-methyl-3-(1-methylpropyl), lithium salt)	1.0
7726-95-6	0252	Bromine	1.0
35691-65-7	3652	1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile	1.0
353-59-3	0384	Bromochlorodifluoromethane (Halon 1211)	1.0
75-25-2	0262	Bromoform (Tribromomethane)	1.0
74-83-9	1231	Bromomethane (Methyl bromide)	1.0
75-63-8	1912	Bromotrifluoromethane (Halon 1301)	1.0
1689-84-5	3211	Bromoxynil (3,5-Dibromo-4-hydroxybenzonitrile)	1.0
1689-99-2	3212	Bromoxynil octanoate (Octanoic acid, 2,6-dibromo-4-cyanophenyl ester)	1.0
357-57-3	0270	Brucine	1.0
106-99-0	0272	1,3-Butadiene	0.1
141-32-2	0278	Butyl acrylate	1.0
71-36-3	1330	n-Butyl alcohol	1.0
78-92-2	1645	sec-Butyl alcohol	1.0
75-65-0	1787	tert-Butyl alcohol	1.0
106-88-7	0287	1,2-Butylene oxide	0.1
123-72-8	0299	Butyraldehyde	1.0
4680-78-8	0442	C.I. Acid Green 3	1.0
6459-94-5	0445	C.I. Acid Red 114	0.1
569-64-2	0448	C.I. Basic Green 4	1.0
989-38-8	0449	C.I. Basic Red 1	1.0
1937-37-7	0453	C.I. Direct Black 38	0.1
2602-46-2	0462	C.I. Direct Blue 6	0.1
28407-37-6	3661	C.I. Direct Blue 218	1.0

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
16071-86-6	0478	C.I. Direct Brown 95	0.1
2832-40-8	0503	C.I. Disperse Yellow 3	1.0
3761-53-3	0504	C.I. Food Red 5	0.1
81-88-9	0505	C.I. Food Red 15	1.0
3118-97-6	0506	C.I. Solvent Orange 7	1.0
97-56-3	0507	C.I. Solvent Yellow 3	0.1
842-07-9	0509	C.I. Solvent Yellow 14	1.0
492-80-8	2894	C.I. Solvent Yellow 34 (Auramine)	0.1
128-66-5	0512	C.I. Vat Yellow 4	1.0
7440-43-9	0305	Cadmium	0.1
N078	2199	Cadmium Compounds	0.1
156-62-7	0316	Calcium cyanamide	1.0
133-06-2	0339	Captan	1.0
		[1H-Isoindole-1,3(2H)-dione, 3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio]-]	
63-25-2	0218	Carbaryl [1-Naphthalenol, methylcarbamate]	1.0
1563-66-2	0341	Carbofuran	1.0
75-15-0	0344	Carbon disulfide	1.0
56-23-5	0347	Carbon tetrachloride	0.1
463-58-1	0349	Carbonyl sulfide	1.0
5234-68-4	3224	Carboxin (5,6-Dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide)	1.0
120-80-9	0722	Catechol	0.1
2439-01-2	3654	Chinomethionat (6-Methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one)	1.0
133-90-4	0357	Chloramben [Benzoic acid, 3-amino-2,5-dichloro-]	1.0
57-74-9	0361	Chlordane	PBT
		[4,7-Methanoindan, 1,2,3,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-]	
115-28-6	3228	Chlorendic acid	0.1
90982-32-4	3229	Chlorimuron ethyl (Ethyl-2-[[[(4-chloro-6-methoxyprimidin-2-yl)- carbonyl]-amino]sulfonyl]benzoate)	1.0
7782-50-5	0367	Chlorine	1.0
10049-04-4	0368	Chlorine dioxide	1.0
79-11-8	0373	Chloroacetic acid	1.0

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
532-27-4	0048	2-Chloroacetophenone	1.0
4080-31-3	3655	1- (3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	1.0
106-47-8	2964	p-Chloroaniline	0.1
108-90-7	0379	Chlorobenzene	1.0
510-15-6	0205	Chlorobenzilate [Benzeneacetic acid,4-chloro-.alpha.-(4-chlorophenyl)-.alpha.-hydroxy-, ethyl ester]	1.0
75-68-3	0385	1-Chloro-1,1-difluoroethane (HCFC-142b)	1.0
75-45-6	0386	Chlorodifluoromethane (HCFC-22)	1.0
75-00-3	0863	Chloroethane (Ethyl chloride)	1.0
67-66-3	0388	Chloroform	0.1
74-87-3	1235	Chloromethane (Methyl chloride)	1.0
107-30-2	0391	Chloromethyl methyl ether	0.1
563-47-3	1223	3-Chloro-2-methyl-1-propene	0.1
N084	2976	Chlorophenols OH	0.1
			
		H _(5-x)	<i>Where x = 1 to 5</i>
104-12-1	3656	p-Chlorophenyl isocyanate	1.0
76-06-2	0405	Chloropicrin	1.0
126-99-8	0407	Chloroprene	0.1
542-76-7	2711	3-Chloropropionitrile	1.0
63938-10-3	0414	Chlorotetrafluoroethane	1.0
354-25-6	3606	1-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)	1.0
2837-89-0	3607	2-Chloro-1,1,1,2-tetrafluoroethane (HCFC-124)	1.0
1897-45-6	0415	Chlorothalonil [1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-]	0.1
95-69-2	3657	p-Chloro-o-toluidine	0.1
75-88-7	3658	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	1.0
75-72-9	0425	Chlorotrifluoromethane (CFC-13)	1.0
460-35-5	3659	3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)	1.0
5598-13-0	3660	Chlorpyrifos methyl (O,O-Dimethyl-O-(3,5,6-trichloro-2-pyridyl)phosphorothioate)	1.0
64902-72-3	3574	Chlorsulfuron (2-Chloro-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]benzenesulfonamide)	1.0
7440-47-3	0432	Chromium	1.0
N090	2245	Chromium Compounds chromium VI compounds	0.1
	 chromium III compounds	1.0
7440-48-4	0520	Cobalt	0.1
N096	2222	Cobalt Compounds	0.1
7440-50-8	0528	Copper	1.0
N100	2215	Copper Compounds	1.0
		(excludes C.I. Pigment Blue 15, C.I. Pigment Green 7, C.I. Pigment Green 36, and all copper phthalocyanine compounds substituted with only hydrogen and/or bromine and/or chlorine)	

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
8001-58-9	0517	Creosote	0.1
120-71-8	1467	p-Cresidine	0.1
108-39-4	1161	m-Cresol	1.0
95-48-7	1426	o-Cresol	1.0
106-44-5	1468	p-Cresol	1.0
1319-77-3	0537	Cresol (mixed isomers)	1.0
4170-30-3	2888	Crotonaldehyde	1.0
98-82-8	0542	Cumene	1.0
80-15-9	0543	Cumene hydroperoxide	1.0
135-20-6	0545	Cupferron [Benzeneamine, N-hydroxy-N-nitroso, ammonium salt]	0.1
N106	2308	Cyanide Compounds	1.0
		X ⁺ CN ⁻ where X = H ⁺ or any other group where a formal dissociation may occur.	
21725-46-2	0240	Cyanazine	1.0
1134-23-2	3662	Cycloate	1.0
110-82-7	0565	Cyclohexane	1.0
108-93-0	0569	Cyclohexanol	1.0
68359-37-5	3180	Cyfluthrin (3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid, cyano(4-fluoro-3-phenoxyphenyl)methyl ester)	1.0
68085-85-8	3248	Cyhalothrin (3-(2-Chloro-3,3,3-trifluoro-1-propenyl)-2,2-Dimethylcyclopropanecarboxylic acid cyano(3-phenoxyphenyl) methyl ester)	1.0
94-75-7	0593	2,4-D [Acetic acid, (2,4-dichloro-phenoxy)-]	0.1
533-74-4	3664	Dazomet (Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione)	1.0
53404-60-7	3665	Dazomet, sodium salt (Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione, ion(1-), sodium)	1.0
94-82-6	3271	2,4-DB	1.0
1929-73-3	2949	2,4-D butoxyethyl ester	0.1
94-80-4	2943	2,4-D butyl ester	0.1
2971-38-2	2947	2,4-D chlorocrotyl ester	0.1
1163-19-5	0598	Decabromodiphenyl oxide	1.0
13684-56-5	3666	Desmedipham	1.0
1928-43-4	3667	2,4-D 2-ethylhexyl ester	0.1

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
53404-37-8	3668	2,4-D 2-ethyl-4-methylpentyl ester	0.1
2303-16-4	0608	Diallate [Carbamothioic acid, bis(1-methylethyl)-S-(2,3-dichloro-2-propenyl)ester]	1.0
615-05-4	0611	2,4-Diaminoanisole	0.1
39156-41-7	2899	2,4-Diaminoanisole sulfate	0.1
101-80-4	0612	4,4'-Diaminodiphenyl ether	0.1
95-80-7	0613	2,4-Diaminotoluene	0.1
25376-45-8	2134	Diaminotoluene (mixed isomers)	0.1
333-41-5	0618	Diazinon	1.0
334-88-3	0620	Diazomethane	1.0
132-64-9	2230	Dibenzofuran	1.0
96-12-8	0595	1,2-Dibromo-3-chloropropane (DBCP)	0.1
106-93-4	0877	1,2-Dibromoethane (Ethylene dibromide)	0.1
124-73-2	3137	Dibromotetrafluoroethane (Halon 2402)	1.0
84-74-2	0773	Dibutyl phthalate	1.0
1918-00-9	0634	Dicamba (3,6-Dichloro-2-methoxybenzoic acid)	1.0
99-30-9	3671	Dichloran (2,6-Dichloro-4-nitroaniline)	1.0
95-50-1	0642	1,2-Dichlorobenzene	1.0
541-73-1	2301	1,3-Dichlorobenzene	1.0
106-46-7	0643	1,4-Dichlorobenzene	0.1
25321-22-6	2321	Dichlorobenzene (mixed isomers)	0.1
91-94-1	0644	3,3'-Dichlorobenzidine	0.1
612-83-9	3267	3,3'-Dichlorobenzidine dihydrochloride	0.1
64969-34-2	3672	3,3'-Dichlorobenzidine sulfate	0.1
75-27-4	2341	Dichlorobromomethane	0.1
764-41-0	3070	1,4-Dichloro-2-butene	1.0
110-57-6	2829	trans-1,4-Dichloro-2-butene	1.0
1649-08-7	3673	1,2-Dichloro-1,1-difluoroethane (HCFC-132b)	1.0
75-71-8	0649	Dichlorodifluoromethane (CFC-12)	1.0
107-06-2	0652	1,2-Dichloroethane (Ethylene dichloride)	0.1
540-59-0	0653	1,2-Dichloroethylene	1.0
1717-00-6	3270	1,1-Dichloro-1-fluoroethane (HCFC-141b)	1.0
75-43-4	3109	Dichlorofluoromethane (HCFC-21)	1.0
75-09-2	1255	Dichloromethane (Methylene chloride)	0.1
127564-92-5	3681	Dichloropentafluoropropane	1.0
13474-88-9	3679	1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)	1.0
111512-56-2	3680	1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	1.0
422-44-6	3674	1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)	1.0
431-86-7	3677	1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)	1.0
507-55-1	3678	1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)	1.0
136013-79-1	3683	1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)	1.0
128903-21-9	3682	2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)	1.0
422-48-0	3675	2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)	1.0
422-56-0	3676	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)	1.0

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
97-23-4	3684	Dichlorophene (2,2'-Methylenebis(4-chlorophenol))	1.0
120-83-2	2344	2,4-Dichlorophenol	1.0
78-87-5	0664	1,2-Dichloropropane	1.0
10061-02-6	3685	trans-1,3-Dichloropropene	0.1
78-88-6	2929	2,3-Dichloropropene	1.0
542-75-6	0666	1,3-Dichloropropylene	0.1
76-14-2	0671	Dichlorotetrafluoroethane (CFC-114)	1.0
34077-87-7	3608	Dichlorotrifluoroethane	1.0
90454-18-5	3609	Dichloro-1,1,2-trifluoroethane	1.0
812-04-4	3611	1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	1.0
354-23-4	3612	1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a)	1.0
306-83-2	3613	2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)	1.0
62-73-7	0674	Dichlorvos [Phosphoric acid, 2-dichloroethenyl dimethyl ester]	0.1
51338-27-3	3686	Diclofop methyl (2-[4-(2,4-Dichlorophenoxy) phenoxy]propanoic acid, methyl ester)	1.0
115-32-2	0675	Dicofol [Benzenemethanol, 4-chloro-.alpha.-4-(chlorophenyl)-.alpha.-(trichloromethyl)-]	1.0
77-73-6	0681	Dicyclopentadiene	1.0
1464-53-5	0685	Diepoxybutane	0.1
111-42-2	0686	Diethanolamine	1.0
38727-55-8	3687	Diethyltethyl	1.0
117-81-7	0238	Di(2-ethylhexyl) phthalate (DEHP)	0.1
64-67-5	0710	Diethyl sulfate	0.1
35367-38-5	3276	Diflubenzuron	1.0
101-90-6	2054	Diglycidyl resorcinol ether	0.1
94-58-6	0199	Dihydrosafrole	0.1

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
N120	3757	Diisocyanates	1.0
This category includes only those chemicals listed below:			
		1,3-Bis(methylisocyanate)cyclohexane	38661-72-2
		1,4-Bis(methylisocyanate)cyclohexane	10347-54-3
		1,4-Cyclohexane diisocyanate	2556-36-7
		Diethyldiisocyanatobenzene	134190-37-7
		4,4'-Diisocyanatodiphenyl ether	4128-73-8
		2,4'-Diisocyanatodiphenyl sulfide	75790-87-3
		3,3'-Dimethoxybenzidine-4,4'-diisocyanate	91-93-0
		3,3'-Dimethyl-4,4'-diphenylene diisocyanate	91-97-4
		3,3'-Dimethyldiphenylmethane-4,4'-diisocyanate	139-25-3
		Hexamethylene-1,6-diisocyanate	822-06-0
		Isophorone diisocyanate	4098-71-9
		4-Methyldiphenylmethane-3,4-diisocyanate	75790-84-0
		1,1-Methylene bis(4-isocyanatocyclohexane)	5124-30-1
		Methylenebis(phenylisocyanate) ²	101-68-8
		1,5-Naphthalene diisocyanate	3173-72-6
		1,3-Phenylene diisocyanate	123-61-5
		1,4-Phenylene diisocyanate	104-49-4
		Polymeric diphenylmethane diisocyanate	9016-87-9
		2,2,4-Trimethylhexamethylene diisocyanate	16938-22-0
		2,4,4-Trimethylhexamethylene diisocyanate	15646-96-5
55290-64-7	3278	Dimethipin (2,3,-Dihydro-5,6-dimethyl-1,4-dithiin 1,1,4,4-tetraoxide)	1.0
60-51-5	0733	Dimethoate	1.0
119-90-4	0734	3,3'-Dimethoxybenzidine	0.1
20325-40-0	3692	3,3'-Dimethoxybenzidine dihydrochloride (o-Dianisidine dihydrochloride)	0.1
111984-09-9	3693	3,3'-Dimethoxybenzidine hydrochloride (o-Dianisidine hydrochloride)	0.1
124-40-3	0737	Dimethylamine	1.0
2300-66-5	3694	Dimethylamine dicamba	1.0
60-11-7	0739	4-Dimethylaminoazobenzene	0.1
121-69-7	0741	N,N-Dimethylaniline	1.0
119-93-7	0742	3,3'-Dimethylbenzidine (o-Tolidine)	0.1
612-82-8	3695	3,3'-Dimethylbenzidine dihydrochloride (o-Tolidine dihydrochloride)	0.1
41766-75-0	3696	3,3'-Dimethylbenzidine dihydrofluoride (o-Tolidine dihydrofluoride)	0.1
79-44-7	0746	Dimethylcarbamyl chloride	0.1
2524-03-0	0770	Dimethyl chlorothiophosphate	1.0
68-12-2	0759	N,N-Dimethylformamide	1.0
57-14-7	0761	1,1-Dimethyl hydrazine	0.1
105-67-9	0764	2,4-Dimethylphenol	1.0
576-26-1	3285	2,6-Dimethylphenol	1.0
131-11-3	0765	Dimethyl phthalate	1.0
77-78-1	0768	Dimethyl sulfate	0.1
99-65-0	3017	m-Dinitrobenzene	1.0
528-29-0	3018	o-Dinitrobenzene	1.0
100-25-4	3019	p-Dinitrobenzene	1.0

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
88-85-7	2354	Dinitrobutyl phenol (Dinoseb)	1.0
534-52-1	0779	4,6-Dinitro-o-cresol	1.0
51-28-5	2950	2,4-Dinitrophenol	1.0
121-14-2	0783	2,4-Dinitrotoluene	0.1
606-20-2	0784	2,6-Dinitrotoluene	0.1
25321-14-6	2985	Dinitrotoluene (mixed isomers)	1.0
39300-45-3	3699	Dinocap	1.0
123-91-1	0789	1,4-Dioxane	0.1
N150	3760	Dioxin and Dioxin-like Compounds (manufacturing; and the processing or otherwise use of dioxin and dioxin-like compounds if the dioxin and dioxin-like compounds are present as contaminants in a chemical and if they were created during the manufacturing of that chemical) This category includes only the 17 listed chemicals below:	PBT
		1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4
		1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7
		1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9
		1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9
		1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9
		2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5
		1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6
		1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7
		1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3
		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9
		1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0
		1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9
		1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6
		2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4
		1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4
		2,3,7,8-Tetrachlorodibenzofuran	51207-31-9
		2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6
957-51-7	3290	Diphenamid	1.0
122-39-4	0796	Diphenylamine	1.0
122-66-7	0800	1,2-Diphenylhydrazine (Hydrazobenzene)	0.1
2164-07-0	3700	Dipotassium endothall (7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, dipotassium salt)	1.0
136-45-8	3701	Dipropyl isocinchomeronate	1.0
138-93-2	3702	Disodium cyanodithioimidocarbonate	1.0
94-11-1	2941	2,4-D isopropyl ester	0.1
541-53-7	2368	2,4-Dithiobiuret	1.0
330-54-1	0819	Diuron	1.0
2439-10-3	3579	Dodine (Dodecylguanidine monoacetate)	1.0
120-36-5	3076	2,4-DP	0.1
1320-18-9	2944	2,4-D propylene glycol butyl ether ester	0.1
2702-72-9	3297	2,4-D sodium salt	0.1

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
106-89-8	0828	Epichlorohydrin	0.1
13194-48-4	2395	Ethoprop (Phosphorodithioic acid O-ethyl S,S-dipropyl ester)	1.0
110-80-5	0839	2-Ethoxyethanol	1.0
140-88-5	0843	Ethyl acrylate	0.1
100-41-4	0851	Ethylbenzene	0.1
541-41-3	0865	Ethyl chloroformate	1.0
759-94-4	3300	Ethyl dipropylthiocarbamate (EPTC)	1.0
74-85-1	0873	Ethylene	1.0
N171	3614	Ethylenebisdithiocarbamic acid, salts and esters (EBDCs)	1.0
107-21-1	0878	Ethylene glycol	1.0
151-56-4	0881	Ethyleneimine (Aziridine)	0.1
75-21-8	0882	Ethylene oxide	0.1
96-45-7	0883	Ethylene thiourea	0.1
75-34-3	0651	Ethyldene dichloride	1.0
52-85-7	2915	Famphur	1.0
60168-88-9	3703	Fenarimol (.alpha.- (2-Chlorophenyl) -.alpha.-4-chlorophenyl)-5-pyrimidinemethanol)	1.0
13356-08-6	3704	Fenbutatin oxide (Hexakis(2-methyl-2-phenylpropyl)distannoxane)	1.0
66441-23-4	3705	Fenoxyaprop ethyl (2-((4-((6-Chloro-2-benzoxazolylen)oxy)phenoxy)propanoic acid, ethyl ester)	1.0
72490-01-8	3706	Fenoxy carb (2-(4-Phenoxy-phenoxy)-ethyl]carbamic acid ethyl ester)	1.0
39515-41-8	3253	Fenpropathrin (2,2,3,3-Tetramethylcyclopropane carboxylic acid cyano(3-phenoxyphenyl)methyl ester)	1.0
55-38-9	0916	Fenthion (O,O-Dimethyl O-[3-methyl-4-(methylthio) phenyl] ester, phosphorothioic acid)	1.0
51630-58-1	3134	Fenvalerate (4-Chloro-alpha-(1-methylethyl)benzenoacetic acid cyano(3-phenoxyphenyl)methyl ester)	1.0
14484-64-1	0917	Ferbam (Tris(dimethylcarbamodithioato-S,S')iron)	1.0
69806-50-4	3707	Fluazifop butyl (2-[4-[[5-(Trifluoromethyl)-2-pyridinyl]oxy]-phenoxy] propanoic acid, butyl ester)	1.0
2164-17-2	0935	Fluometuron [Urea, N,N-dimethyl-N'-(3-(trifluoromethyl)phenyl)-]	1.0
7782-41-4	0937	Fluorine	1.0
51-21-8	1966	Fluorouracil (5-Fluorouracil)	1.0
69409-94-5	3310	Fluvalinate (N-[2-Chloro-4-(trifluoromethyl)phenyl]-DL-valine (+)-cyano(3-phenoxyphenyl)methyl ester)	1.0
133-07-3	3554	Folpet	1.0
72178-02-0	3312	Fomesafen (5-(2-Chloro-4-(trifluoromethyl)phenoxy)-N-methylsulfonyl-2-nitrobenzamide)	1.0
50-00-0	0946	Formaldehyde	0.1
64-18-6	0948	Formic acid	1.0
76-13-1	1904	Freon 113 [Ethane, 1,1,2-trichloro-1,2,2,-trifluoro-]	1.0
N230	3138	Glycol Ethers (excludes surfactant glycol ethers) consists of those glycol ethers that meet the following definition: R- (OCH ₂ CH ₂) _n -OR'	1.0
		where	
		n = 1,2, or 3;	

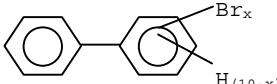
<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
		R = alkyl C7 or less; or R = phenyl or alkyl substituted phenyl; R' = H or alkyl C7 or less; or OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate.	
76-44-8	0974	Heptachlor [1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrahydro-4,7-methano-1H-indene]	PBT
118-74-1	0978	Hexachlorobenzene	PBT
87-68-3	0979	Hexachloro-1,3-butadiene	1.0
319-84-6	0566	alpha-Hexachlorocyclohexane	0.1
77-47-4	0980	Hexachlorocyclopentadiene	1.0
67-72-1	0981	Hexachloroethane	0.1
1335-87-1	0982	Hexachloronaphthalene	1.0
70-30-4	0983	Hexachlorophene	1.0
680-31-9	0973	Hexamethylphosphoramide	0.1
110-54-3	1340	n-Hexane	1.0
51235-04-2	3339	Hexazinone	1.0
67485-29-4	3149	Hydramethynon (Tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone [3-[4-(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene] hydrazone)	1.0
302-01-2	1006	Hydrazine	0.1
10034-93-2	2360	Hydrazine sulfate	0.1
7647-01-0	1012	Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne species of any particle size)	1.0
74-90-8	1013	Hydrogen cyanide	1.0
7664-39-3	1014	Hydrogen fluoride	1.0
123-31-9	1019	Hydroquinone	1.0
35554-44-0	3343	Imazalil (1-[2-(2,4-Dichlorophenyl)-2-(2-propenyl)ethyl]-1H-imidazole)	1.0
55406-53-6	3708	3-Iodo-2-propynyl butylcarbamate	1.0
13463-40-6	1037	Iron pentacarbonyl	1.0
78-84-2	1051	Isobutyraldehyde	1.0
465-73-6	2499	Isodrin	PBT
25311-71-1	3709	Isofenphos (2-[[Ethoxyl[(1-methylethyl)amino]phosphinothioyl]oxy]benzoic acid 1-methylethyl ester)	1.0
67-63-0	1076	Isopropyl alcohol (only persons who manufacture by the strong acid process are subject, no supplier notification)	1.0
80-05-7	2388	4,4'-Isopropylidenediphenol	1.0
120-58-1	0198	Isosafrole	1.0
77501-63-4	3550	Lactofen (5-(2-Chloro-4-(trifluoromethyl)phenoxy)-2-nitro-2-ethoxy-1-methyl-2-oxoethyl ester)	1.0
7439-92-1	1096	Lead (when lead is contained in stainless steel, brass or bronze alloys, the de minimis is 0.1)	PBT
N420	2266	Lead Compounds	PBT
58-89-9	1117	Lindane [Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1.alpha.,2.alpha.,3.beta.,4.alpha.,5.alpha.,6.beta.)-]	0.1
330-55-2	3352	Linuron	

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
1.0			
554-13-2	1124	Lithium carbonate	1.0
121-75-5	1150	Malathion	1.0
108-31-6	1152	Maleic anhydride	1.0
109-77-3	1153	Malononitrile	1.0
12427-38-2	1154	Maneb [Carbamodithioic acid, 1,2-ethanediylbis-, manganese complex]	1.0
N450	2324	Manganese Compounds	1.0
7439-96-5	1155	Manganese	1.0
93-65-2	3093	Mecoprop	0.1
149-30-4	3710	2-Mercaptobenzothiazole (MBT)	1.0
7439-97-6	1183	Mercury	PBT
N458	2414	Mercury Compounds	PBT
150-50-5	3359	Merphos	1.0
126-98-7	1220	Methacrylonitrile	1.0
137-42-8	3711	Metham sodium (Sodium methyldithiocarbamate)	1.0
67-56-1	1222	Methanol	1.0
20354-26-1	3712	Methazole (2-(3,4-Dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione)	1.0
2032-65-7	1165	Methiocarb	1.0
94-74-6	3094	Methoxone ((4-Chloro-2-methylphenoxy) acetic acid) (MCPA)	0.1
3653-48-3	3713	Methoxone sodium salt ((4-Chloro-2-methylphenoxy) acetate sodium salt)	0.1
72-43-5	1210	Methoxychlor [Benzene, 1,1'-(2,2,2-trichloroethylidene)bis [4-methoxy-]	PBT
109-86-4	1211	2-Methoxyethanol	1.0
96-33-3	1219	Methyl acrylate	1.0
1634-04-4	1293	Methyl tert-butyl ether	1.0
79-22-1	1238	Methyl chlorocarbonate	1.0
101-14-4	1250	4,4'-Methylenebis(2-chloroaniline) (MBOCA)	0.1
101-61-1	1252	4,4'-Methylenebis(N,N-dimethyl)benzenamine	0.1
74-95-3	1254	Methylene bromide	1.0
101-77-9	1256	4,4'-Methylenedianiline	0.1
60-34-4	1265	Methyl hydrazine	1.0
74-88-4	1266	Methyl iodide	1.0
108-10-1	1268	Methyl isobutyl ketone	1.0
624-83-9	1270	Methyl isocyanate	1.0
556-61-6	1272	Methyl isothiocyanate (Isothiocyanatomethane)	1.0
75-86-5	0007	2-Methyllactonitrile	1.0
80-62-6	1277	Methyl methacrylate	1.0
924-42-5	3715	N-Methylolacrylamide	1.0
298-00-0	1283	Methyl parathion	1.0
109-06-8	2955	2-Methylpyridine	1.0
872-50-4	3716	N-Methyl-2-pyrrolidone	1.0
9006-42-2	3717	Metiram	1.0
21087-64-5	1302	Metribuzin	1.0
7786-34-7	3507	Mevinphos	1.0
90-94-8	1305	Michler's ketone	0.1
2212-67-1	3718	Molinate (1H-Azepine-1 carbothioic acid, hexahydro-S-ethyl ester)	

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
	1.0		
1313-27-5	1312	Molybdenum trioxide	1.0
76-15-3	0398	Monochloropentafluoroethane (CFC-115)	1.0
150-68-5	3719	Monuron	1.0
505-60-2	1319	Mustard gas [Ethane, 1,1'-thiobis[2-chloro-]	0.1
88671-89-0	3462	Myclobutanil (.alpha.-Butyl-.alpha.-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile)	1.0
142-59-6	3720	Nabam	1.0
300-76-5	0751	Naled	1.0

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
91-20-3	1322	Naphthalene	0.1
134-32-7	1325	alpha-Naphthylamine	0.1
91-59-8	1324	beta-Naphthylamine	0.1
7440-02-0	1341	Nickel	0.1
N495	2366	Nickel Compounds	0.1
N503	2583	Nicotine and salts	1.0
1929-82-4	1355	Nitrapyrin (2-Chloro-6-(trichloromethyl)pyridine)	1.0
N511	3722	Nitrate compounds (water dissociable; reportable only when in aqueous solution)	1.0
7697-37-2	1356	Nitric acid	1.0
139-13-9	1358	Nitrilotriacetic acid	0.1
100-01-6	1548	p-Nitroaniline	1.0
99-59-2	1388	5-Nitro-o-anisidine	1.0
98-95-3	1361	Nitrobenzene	0.1
92-93-3	0229	4-Nitrobiphenyl	0.1
1836-75-5	1374	Nitrofen [Benzene, 2,4-dichloro-1-(4-nitrophenoxy)-]	0.1
51-75-2	1377	Nitrogen mustard [2-Chloro-N-(2-chloroethyl)-N-methylethanamine]	0.1
55-63-0	1383	Nitroglycerin	1.0
88-75-5	1391	2-Nitrophenol	1.0
100-02-7	1390	4-Nitrophenol	1.0
79-46-9	1392	2-Nitropropane	0.1
924-16-3	1406	N-Nitrosodi-n-butylamine	0.1
55-18-5	1404	N-Nitrosodiethylamine	0.1
62-75-9	1405	N-Nitrosodimethylamine	0.1
86-30-6	1408	N-Nitrosodiphenylamine	1.0
156-10-5	1551	p-Nitrosodiphenylamine	1.0
621-64-7	1407	N-Nitrosodi-n-propylamine	0.1
759-73-9	1410	N-Nitroso-N-ethylurea	0.1
684-93-5	1411	N-Nitroso-N-methylurea	0.1
4549-40-0	2907	N-Nitrosomethylvinylamine	0.1
59-89-2	1409	N-Nitrosomorpholine	0.1
16543-55-8	2900	N-Nitrosonornicotine	0.1
100-75-4	1412	N-Nitrosopiperidine	0.1
99-55-8	1444	5-Nitro-o-toluidine	1.0
27314-13-2	3405	Norflurazon (4-Chloro-5-(methylamino)-2-[3-(trifluoromethyl)phenyl]-3(2H)-pyridazinone)	1.0
2234-13-1	1427	Octachloronaphthalene	1.0
29082-74-4	3761	Octachlorostyrene	PBT
19044-88-3	3409	Oryzalin (4-(Dipropylamino)-3,5-dinitrobenzenesulfonamide)	1.0
20816-12-0	1441	Osmium tetroxide	1.0
301-12-2	3724	Oxydemeton methyl (S-(2-(Ethylsulfinyl)ethyl) O,O-dimethyl ester phosphorothioic acid)	1.0
19666-30-9	3410	Oxydiazon (3-[2,4-Dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one)	1.0

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
42874-03-3	3411	Oxyfluorfen	1.0
10028-15-6	1451	Ozone	1.0
123-63-7	1455	Paraldehyde	1.0
1910-42-5	1458	Paraquat dichloride	1.0
56-38-2	1459	Parathion [Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester]	1.0
1114-71-2	3725	Pebulate (Butylethylcarbamothioic acid S-propyl ester)	1.0
40487-42-1	3415	Pendimethalin (N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine)	PBT
608-93-5	3417	Pentachlorobenzene	PBT
76-01-7	1471	Pentachloroethane	1.0
87-86-5	1473	Pentachlorophenol (PCP)	0.1
57-33-0	3726	Pentobarbital sodium	1.0
79-21-0	1482	Peracetic acid	1.0
594-42-3	1480	Perchloromethyl mercaptan	1.0
52645-53-1	3422	Permethrin (3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropane carboxylic acid, (3-phenoxyphenyl)methyl ester)	1.0
85-01-8	3004	Phenanthrene	1.0
108-95-2	1487	Phenol	1.0
26002-80-2	3727	Phenothrin (2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (3-phenoxyphenyl)methyl ester)	1.0
95-54-5	1495	1,2-Phenylenediamine	1.0
108-45-2	1316	1,3-Phenylenediamine	1.0
106-50-3	1586	p-Phenylenediamine	1.0
615-28-1	3728	1,2-Phenylenediamine dihydrochloride	1.0
624-18-0	3729	1,4-Phenylenediamine dihydrochloride	1.0
90-43-7	1439	2-Phenylphenol	1.0
57-41-0	1507	Phenytoin	0.1
75-44-5	1510	Phosgene	1.0
7803-51-2	1514	Phosphine	1.0
7723-14-0	1520	Phosphorus (yellow or white)	1.0
85-44-9	1535	Phthalic anhydride	1.0
1918-02-1	1536	Picloram	1.0
88-89-1	1946	Picric acid	1.0

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
51-03-6	3732	Piperonyl butoxide	1.0
29232-93-7	3430	Pirimiphos methyl (O-(2-(Diethylamino)-6-methyl-4-pyrimidinyl)-O,O-dimethyl phosphorothioate)	1.0
N575	1552	Polybrominated Biphenyls (PBBs)	0.1
		 <p>Where x = 1 to 10</p>	
N583	3733	Polychlorinated alkanes (C ₁₀ to C ₁₃) *** 1.0, except for those members of the category that have an average chain length of 12 carbons and contain an average chlorine content of 60 percent by weight which are subject to the 0.1 percent de minimis) This category includes those chemicals defined by the following formula:	***
		$C_xH_{2x-y+2}Cl_y$	
		where	
		x = 10 to 13;	
		y = 3 to 12; and	
		where the average chlorine content ranges from 40-70% with the limiting molecular formulas C ₁₀ H ₁₉ Cl ₃ and C ₁₃ H ₁₆ Cl ₁₂ .	
N590	3758	Polycyclic aromatic compounds (PACs)	PBT
		This category includes the chemicals listed below:	
		Benz [a] anthracene	56-55-3
		Benzo [b] fluoranthene	205-99-2
		Benzo [j] fluoranthene	205-82-3
		Benzo [j,k] fluorene ³	206-44-0
		Benzo [k] fluoranthene	207-08-9
		Benzo [r,s,t] pentaphene	189-55-9
		Benzo [a] phenanthrene	218-01-9
		Benzo [a] pyrene	50-32-8
		Dibenz [a,h] acridine	226-36-8
		Dibenz [a,j] acridine	224-42-0
		Dibenzo [a,h] anthracene	53-70-3
		7H-Dibenzo [c,g] carbazole	194-59-2
		Dibenzo [a,e] fluoranthene	5385-75-1
		Dibenzo [a,e] pyrene	192-65-4
		Dibenzo [a,h] pyrene	189-64-0
		Dibenzo [a,l] pyrene	191-30-0
		7,12-Dimethylbenz [a] anthracene	57-97-6
		Indeno [1,2,3-cd] pyrene	193-39-5
		3-Methylcholanthrene ³	56-49-5
		5-Methylchrysene	3697-24-3
		1-Nitropyrene	5522-43-0
1336-36-3	1554	Polychlorinated biphenyls (PCBs)	PBT
7758-01-2	1559	Potassium bromate	

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
0.1			
128-03-0	3735	Potassium dimethyldithiocarbamate	1.0
137-41-7	3736	Potassium N-methyldithiocarbamate	1.0
41198-08-7	3737	Profenofos (O-(4-Bromo-2-chlorophenyl)-O-ethyl-S-propylphosphorothioate)	1.0
7287-19-6	3437	Prometryn (N,N'-Bis(1-methylethyl)-6-methylthio-1,3,5-triazine-2,4-diamine)	1.0
23950-58-5	1592	Pronamide	1.0
1918-16-7	3438	Propachlor (2-Chloro-N-(1-methylethyl)-N-phenylacetamide)	1.0
1120-71-4	1446	Propane sultone	0.1
709-98-8	3439	Propanil (N-(3,4-Dichlorophenyl)propanamide)	1.0
2312-35-8	1596	Propargite	1.0
107-19-7	1597	Propargyl alcohol	1.0
31218-83-4	3738	Propetamphos (3-[(Ethylamino)methoxyphosphinothioyl]oxy]-2-butenoic acid, 1-methylethyl ester)	1.0
60207-90-1	3442	Propiconazole (1-[2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]-methyl-1H-1,2,4,-triazole)	1.0
57-57-8	0228	beta-Propiolactone	0.1
123-38-6	1598	Propionaldehyde	1.0
114-26-1	1604	Propoxur [Phenol, 2-(1-methylethoxy)-, methylcarbamate]	1.0
115-07-1	1609	Propylene (Propene)	1.0
75-55-8	1614	Propyleneimine	0.1
75-56-9	1615	Propylene oxide	0.1
110-86-1	1624	Pyridine	1.0
91-22-5	1628	Quinoline	1.0
106-51-4	1460	Quinone	1.0
82-68-8	1630	Quintozene (Pentachloronitrobenzene)	1.0
76578-14-8	3173	Quizalofop-ethyl (2-[4-[(6-Chloro-2-quinoxalinyl)oxy]phenoxy] propanoic acid ethyl ester)	1.0
10453-86-8	3450	Resmethrin ([5-(Phenylmethyl)-3-furanyl]methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate])	1.0
81-07-2	1641	Saccharin (manufacturing)	1.0
94-59-7	1642	Safrole	0.1
7782-49-2	1648	Selenium	1.0
N725	2347	Selenium Compounds	1.0
74051-80-2	3453	Sethoxydim (2-[1-(Ethoxyimino) butyl]-5-[2-(ethylthio)propyl]-3-hydroxyl-2-cyclohexen-1-one)	1.0
7440-22-4	1669	Silver	1.0
N740	3008	Silver Compounds	1.0
122-34-9	3454	Simazine	1.0
26628-22-8	1684	Sodium azide	1.0
1982-69-0	3739	Sodium dicamba (3,6-Dichloro-2-methoxybenzoic acid, sodium salt)	1.0
128-04-1	3740	Sodium dimethyldithiocarbamate	1.0
62-74-8	1700	Sodium fluoroacetate	1.0
7632-00-0	2258	Sodium nitrite	1.0
131-52-2	1712	Sodium pentachlorophenate	1.0
132-27-4	3458	Sodium o-phenylphenoxyde	1.0

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
0.1			
N746	3741	Strychnine and salts	1.0
100-42-5	1748	Styrene	0.1
96-09-3	1749	Styrene oxide	0.1
7664-93-9	1761	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne species of any particle size)	1.0
2699-79-8	1769	Sulfuryl fluoride (Vikane)	1.0
35400-43-2	1771	Sulprofos (O-Ethyl O-[4-(methylthio)phenyl]phosphorodithioic acid S-propyl ester)	1.0
34014-18-1	3464	Tebuthiuron (N-[5-(1,1-Dimethylethyl)-1,3,4-thiadiazol-2-yl]-N,N'-dimethylurea)	1.0
3383-96-8	1780	Temephos	1.0
5902-51-2	3466	Terbacil (5-Chloro-3-(1,1-dimethylethyl)-6-methyl- 2,4 (1H,3H)-pyrimidinedione)	1.0
79-94-7	3763	Tetrabromobisphenol A	PBT
630-20-6	2992	1,1,1,2-Tetrachloroethane	1.0
79-34-5	1809	1,1,2,2-Tetrachloroethane	1.0
127-18-4	1810	Tetrachloroethylene (Perchloroethylene)	0.1
354-11-0	3742	1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	1.0
354-14-3	3743	1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	1.0
961-11-5	1813	Tetrachlorvinphos [Phosphoric acid, 2-chloro-1-(2,3,5-trichlorophenyl) ethenyl dimethyl ester]	1.0
64-75-5	3744	Tetracycline hydrochloride	1.0
7696-12-0	3745	Tetramethrin (2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-yl)methyl ester)	1.0
7440-28-0	1840	Thallium	1.0
N760	2809	Thallium Compounds	1.0
148-79-8	3746	Thiabendazole (2-(4-Thiazolyl)-1H-benzimidazole)	1.0
62-55-5	1844	Thioacetamide	0.1
28249-77-6	3472	Thiobencarb (Carbamic acid, diethylthio-, S-(p-chlorobenzyl))	1.0
139-65-1	1847	4,4'-Thiodianiline	0.1
59669-26-0	3747	Thiodicarb	1.0
23564-06-9	3748	Thiophanate ethyl ([1,2-Phenylenebis (iminocarbonothioyl)] biscarbamic acid diethyl ester)	1.0
23564-05-8	3473	Thiophanate-methyl	1.0
79-19-6	2823	Thiosemicarbazide	1.0
62-56-6	1853	Thiourea	0.1
137-26-8	1854	Thiram	1.0
1314-20-1	1856	Thorium dioxide	1.0
7550-45-0	1864	Titanium tetrachloride	1.0
108-88-3	1866	Toluene	1.0
584-84-9	1869	Toluene-2,4-diisocyanate	0.1
91-08-7	1868	Toluene-2,6-diisocyanate	0.1
26471-62-5	3132	Toluene diisocyanate (mixed isomers)	0.1
95-53-4	1442	o-Toluidine	0.1
636-21-5	1443	o-Toluidine hydrochloride	0.1
8001-35-2	1871	Toxaphene	

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
PBT			
43121-43-3	3179	Triadimefon (1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone)	1.0
2303-17-5	3474	Triallate	1.0
68-76-8	1461	Triaziquone [2,5-Cyclohexadiene-1,4-dione, 2,3,5-tris(1-aziridinyl)-]	1.0
101200-48-0	3749	Tribenuron methyl (2-(4-Methoxy-6-methyl-1,3,5-triazin-2-yl)-methylamino)carbonyl)amino sulfonyl)-, methyl ester)	1.0
1983-10-4	3750	Tributyltin fluoride	1.0
2155-70-6	3751	Tributyltin methacrylate	1.0
78-48-8	3360	S,S,S-Tributyltrithiophosphate (DEF)	1.0
52-68-6	1882	Trichlorfon [Phosphonic acid, (2,2,2-trichloro-1-hydroxyethyl)-,dimethyl ester]	1.0
76-02-8	1884	Trichloroacetyl chloride	1.0
120-82-1	1887	1,2,4-Trichlorobenzene	1.0
71-55-6	1237	1,1,1-Trichloroethane (Methyl chloroform)	1.0
79-00-5	1889	1,1,2-Trichloroethane	1.0
79-01-6	1890	Trichloroethylene	0.1
75-69-4	1891	Trichlorofluoromethane (CFC-11)	1.0
95-95-4	1895	2,4,5-Trichlorophenol	1.0
88-06-2	1894	2,4,6-Trichlorophenol	0.1
96-18-4	1902	1,2,3-Trichloropropane	0.1

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
57213-69-1	3752	Triclopyr triethylammonium salt	1.0
121-44-8	1907	Triethylamine	1.0
1582-09-8	1918	Trifluralin [Benezeneamine, 2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)-]	PBT
26644-46-2	3753	Triforine (N,N'-[1,4-Piperazinediylbis(2,2,2-trichloroethylidene)] bisformamide)	1.0
95-63-6	2716	1,2,4-Trimethylbenzene	1.0
2655-15-4	3756	2,3,5-Trimethylphenyl methylcarbamate	1.0
639-58-7	1952	Triphenyltin chloride	1.0
76-87-9	1953	Triphenyltin hydroxide	1.0
126-72-7	1957	Tris(2,3-dibromopropyl) phosphate	0.1
72-57-1	0465	Trypan blue	0.1
51-79-6	1986	Urethane (Ethyl carbamate)	0.1
7440-62-2	3762	Vanadium (except when contained in an alloy)	1.0
N770	3492	Vanadium Compounds	1.0
50471-44-8	3494	Vinclozolin (3-(3,5-Dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione)	1.0
108-05-4	1998	Vinyl acetate	0.1
593-60-2	1999	Vinyl bromide	0.1
75-01-4	2001	Vinyl chloride	0.1
75-35-4	2006	Vinylidene chloride	1.0
N874	3627	Warfarin and salts	1.0
108-38-3	2902	m-Xylene	1.0
95-47-6	2903	o-Xylene	1.0
106-42-3	2904	p-Xylene	1.0
1330-20-7	2014	Xylene (mixed isomers)	1.0
87-62-7	2016	2,6-Xyldine	0.1
7440-66-6	2021	Zinc (fume or dust)	1.0
N982	3012	Zinc Compounds	1.0
12122-67-7	2045	Zineb [Carbamodithioic acid, 1,2-ethanediylbis-, zinc complex]	1.0

1. When reporting a chemical category on the RPPR, the category code number is to be entered on Section B, #1.1, CAS No. (Category No.), on Section C, #1.1, CAS No. (Category No.), on Section D, #2.2, CAS Number (Category No.), and on the P2-115.
2. Methylenebis(phenylisocyanate) (CAS# 101-68-8), a previously listed substance, has been moved into the "Diisocyanates" category.
3. Two substances, benzo(j,k)fluorene (206-44-0) and 3-methylcholanthrene (56-49-5), were added to the Diisocyanates category effective RY 2000.

PBT = persistent, bioaccumulative and toxic substance that was recently listed and/or newly regulated at a lower threshold effective reporting year 2000 or 2001 (see page B.1-2 for more details on the PBT listings).

<u>CAS Number</u>	<u>RTK Number</u>	<u>Substance Name</u>	<u>De minimis Concentration</u>
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Should you have any questions regarding completion of the RPPR, contact the DEP's Office of Pollution Prevention and Right To Know at (609) 777-0518.